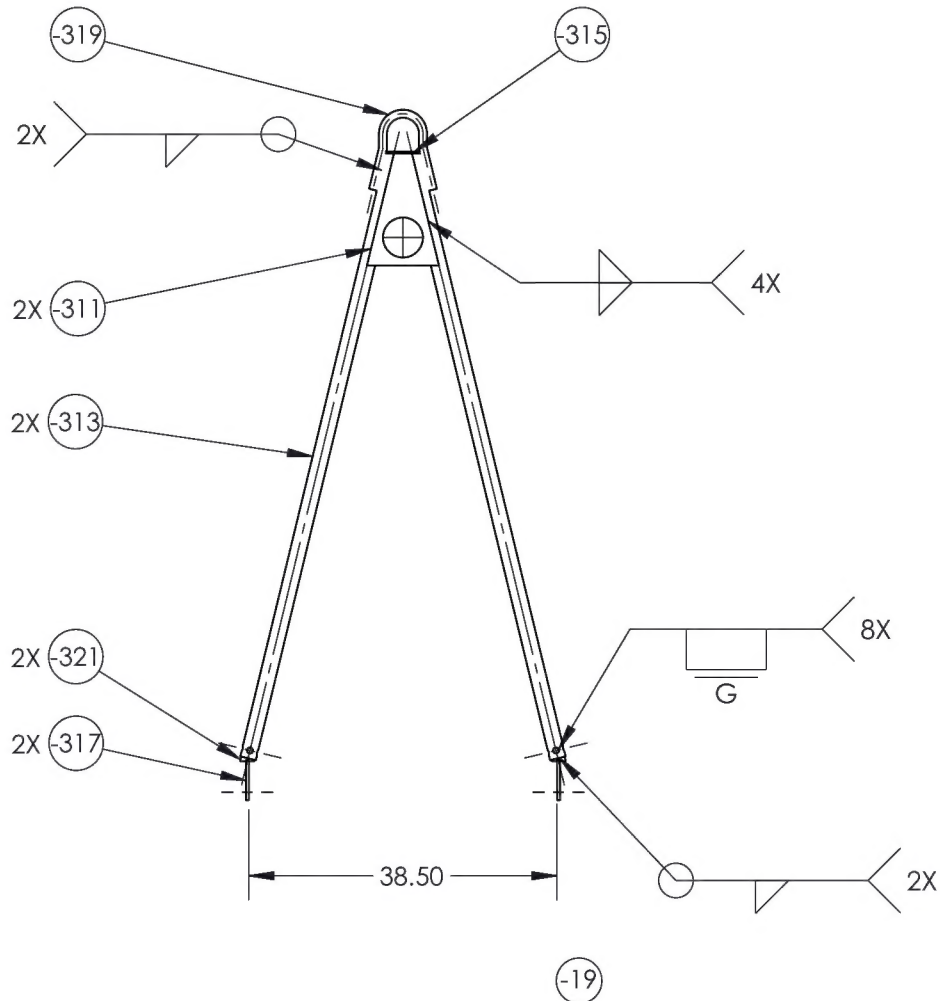
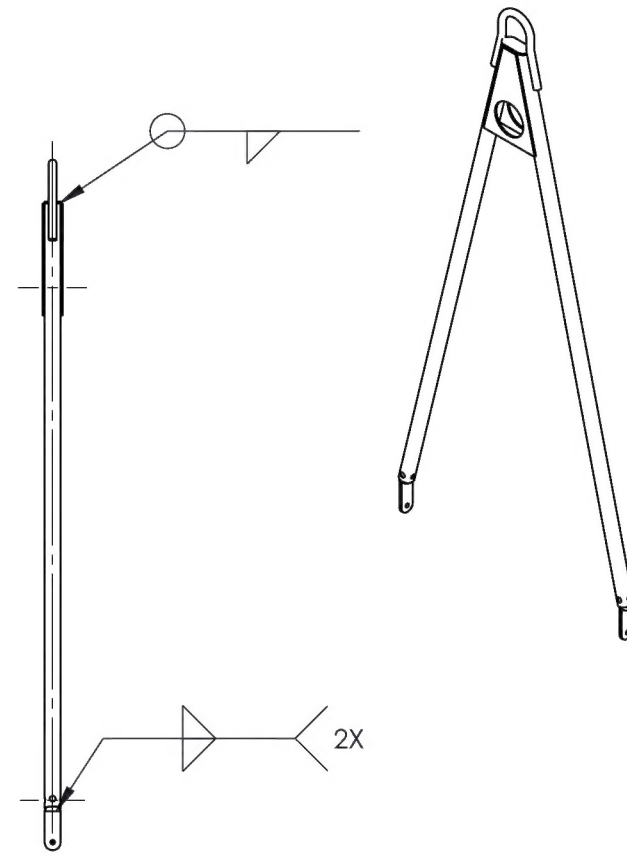


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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	4/26/2017	SM	JAG



TOW BAR ASSEMBLY

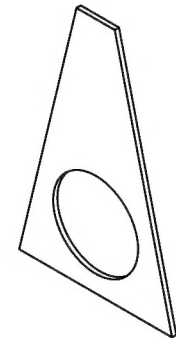
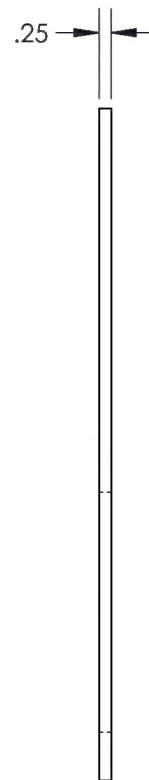
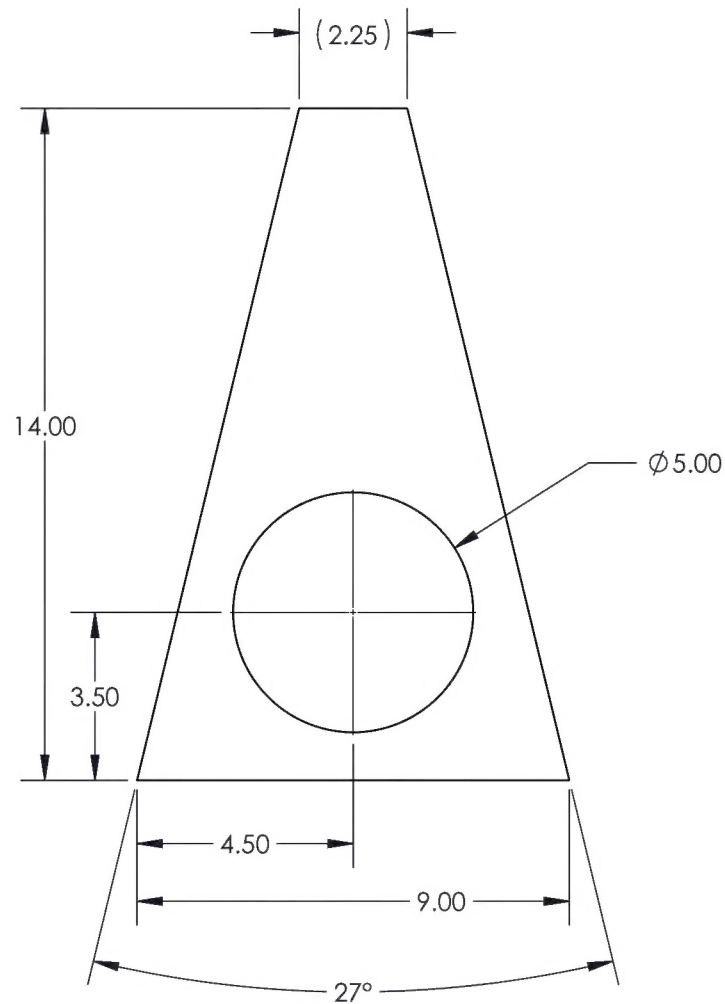


<b>DART</b> AEROSPACE																											
TITLE <b>SUPPORT DOLLY, TAILBOOM</b>																											
DWG NO. <b>RB T102012-19</b>	REV <b>1</b>																										
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH POWDER COAT YELLOW</td> <td>.XXX ± .010 FRACTIONS ± 1/8</td> </tr> <tr> <td>SPEC FED #13538</td> <td>.XX ± .03 ANGLES ± 1°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>DRAWN BY: GILBERT</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>2. DIMENSIONAL LIMITS APPLY</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>AFTER PLATING</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td>3. INTERPRET DIM AND TOL PER</td> </tr> <tr> <td></td> <td>ASME Y14.5M-2009</td> </tr> <tr> <td>SCALE 1:24</td> <td>DATE 3/13/2014</td> </tr> <tr> <td></td> <td>SHEET 1 OF 7</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH POWDER COAT YELLOW	.XXX ± .010 FRACTIONS ± 1/8	SPEC FED #13538	.XX ± .03 ANGLES ± 1°		.X ± .1 SURFACES = 125°	DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES	CHECKED: CLOUGH	.015 x 45° OR .015R	OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY	QA APPR: LINDSAY	AFTER PLATING	APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER		ASME Y14.5M-2009	SCALE 1:24	DATE 3/13/2014		SHEET 1 OF 7
MAT'L	UNLESS OTHERWISE SPECIFIED																										
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CHECKED: CLOUGH	.015 x 45° OR .015R																										
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QA APPR: LINDSAY	AFTER PLATING																										
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER																										
	ASME Y14.5M-2009																										
SCALE 1:24	DATE 3/13/2014																										
	SHEET 1 OF 7																										

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	P.G.
			-311	2	TOW BAR TOP PLATE	A36/1018/1020 HR		2
			-313	2	TOW BAR SIDE BAR	STEEL TUBE		3
			-315	1	TOW BAR FRONT PLATE	A36/1018/1020 HR		4
			-317	2	TOW BAR END PLATE	A36/1018/1020 HR		5
			-319	1	TOW BAR HITCH	A36/1018/1020 HR		6
			-321	2	TOW BAR END PLUG	A36/1018/1020 HR		7

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

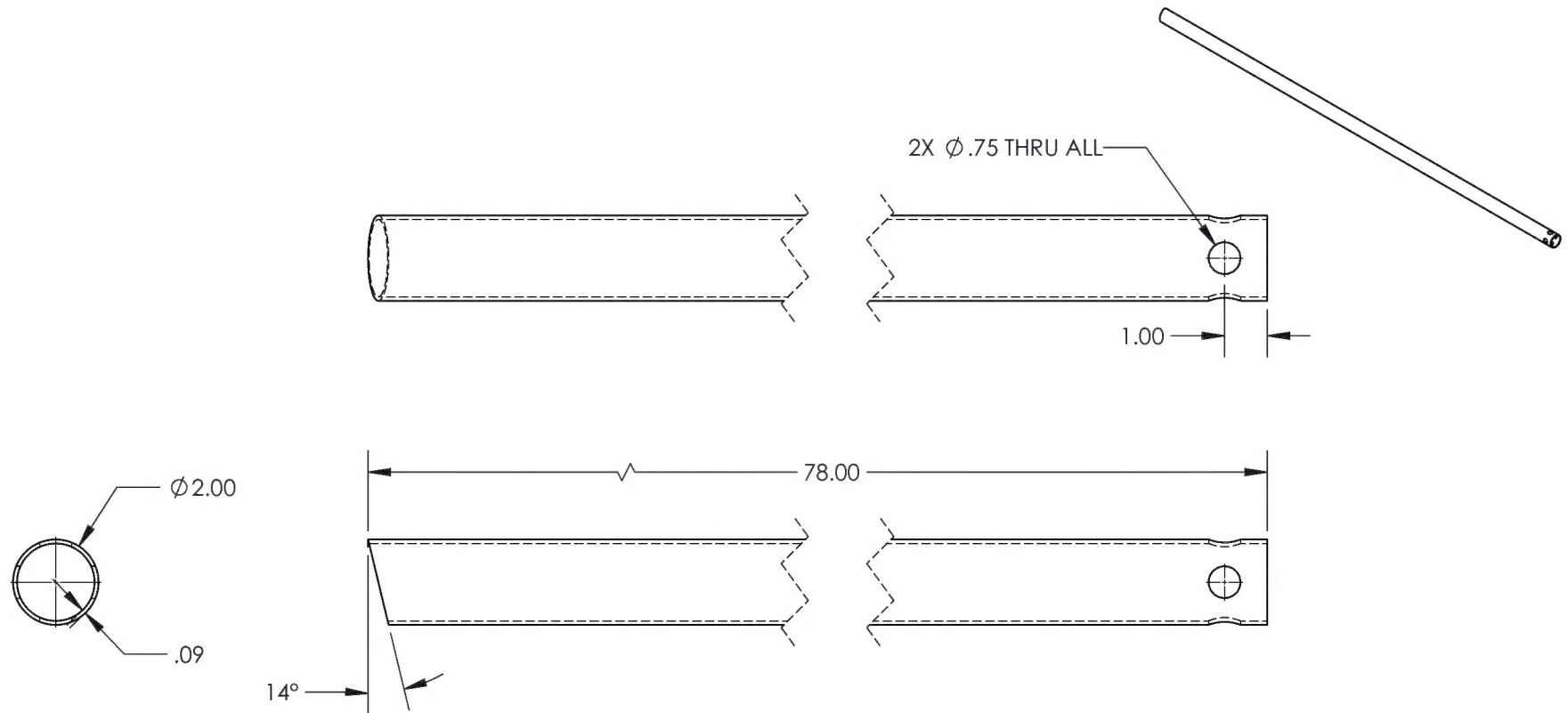


(-311)  
TOW BAR TOP PLATE

<b>DART</b> AEROSPACE	
TITLE SUPPORT DOLLY, TAILBOOM	
DWG NO. RB T102012-311	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -19 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:4	DATE 3/13/2014
	SHEET 2 OF 7

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				APPROVED



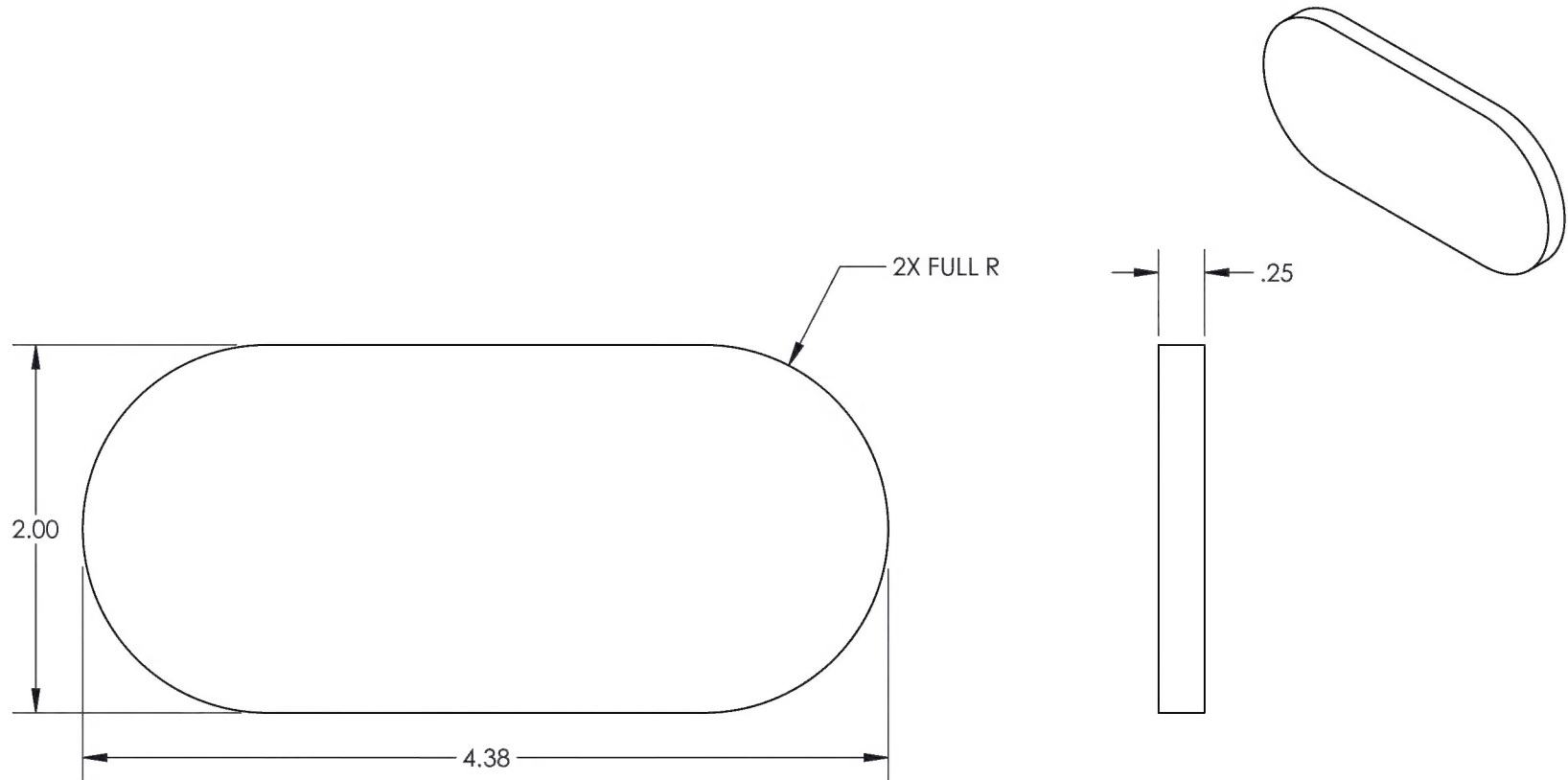
(-313)

TOW BAR SIDE BAR

<b>DART</b> AEROSPACE	
TITLE SUPPORT DOLLY, TAILBOOM	
DWG NO. RB T102012-313	REV 1
MAT'L STEEL TUBE	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -19 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:4	DATE 3/13/2014
	SHEET 3 OF 7

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				APPROVED

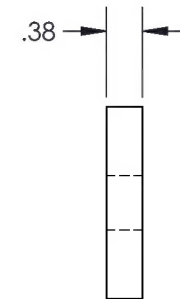
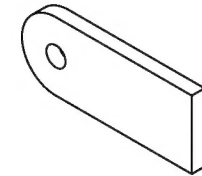
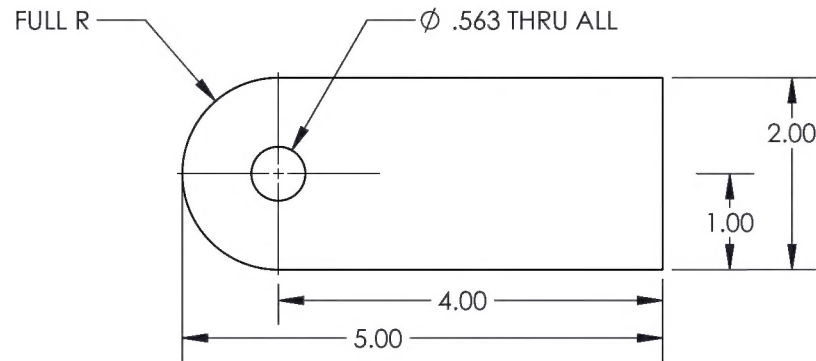


-315  
 TOW BAR FRONT PLATE

TITLE <b>SUPPORT DOLLY, TAILBOOM</b>			
DWG NO. <b>RB T102012-315</b>	REV <b>1</b>		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           MAT'L A36/1018/1020 HR            TREAT            FINISH SEE -19 WELDMENT            SPEC         </td> <td style="width: 50%;">           UNLESS OTHERWISE SPECIFIED            DIMENSIONS ARE IN INCHES            .XXX ± .010 FRACTIONS ± 1/8            .XX ± .03 ANGLES ± 1°            .X ± .1 SURFACES = 125° ✓         </td> </tr> </table>		MAT'L A36/1018/1020 HR TREAT FINISH SEE -19 WELDMENT SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓
MAT'L A36/1018/1020 HR TREAT FINISH SEE -19 WELDMENT SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           DRAWN BY: GILBERT            CHECKED: CLOUGH            OPPTS APPR: ANDERSON            QA APPR: LINDSAY            APPROVED: GILBERT         </td> <td style="width: 50%;">           1. BREAK ALL SHARP EDGES               .015 x 45° OR .015R            2. DIMENSIONAL LIMITS APPLY               AFTER PLATING            3. INTERPRET DIM AND TOL PER               ASME Y14.5M-2009            USED ON MODEL            BELL 212, 214B, 214ST, 412         </td> </tr> </table>		DRAWN BY: GILBERT CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL BELL 212, 214B, 214ST, 412
DRAWN BY: GILBERT CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL BELL 212, 214B, 214ST, 412		
SCALE 1:1	DATE 3/13/2014		
SHEET 4 OF 7			

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				APPROVED



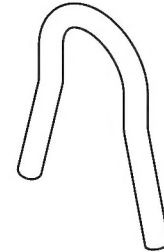
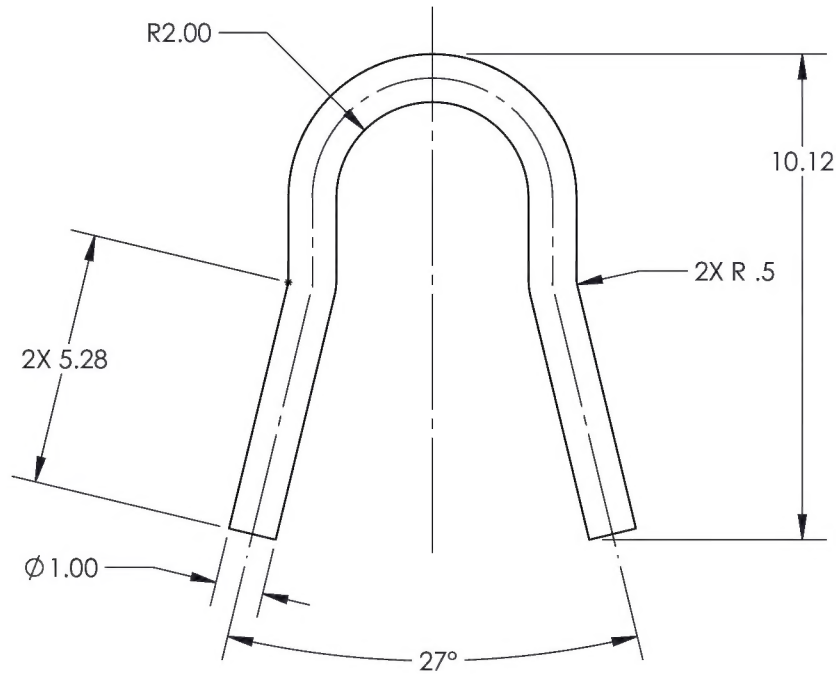
(-317)

TOW BAR END PLATE

<b>DART</b> AEROSPACE	
TITLE <b>SUPPORT DOLLY, TAILBOOM</b>	
DWG NO. <b>RB T102012-317</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -19 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:2	DATE 3/13/2014
	SHEET 5 OF 7

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				APPROVED



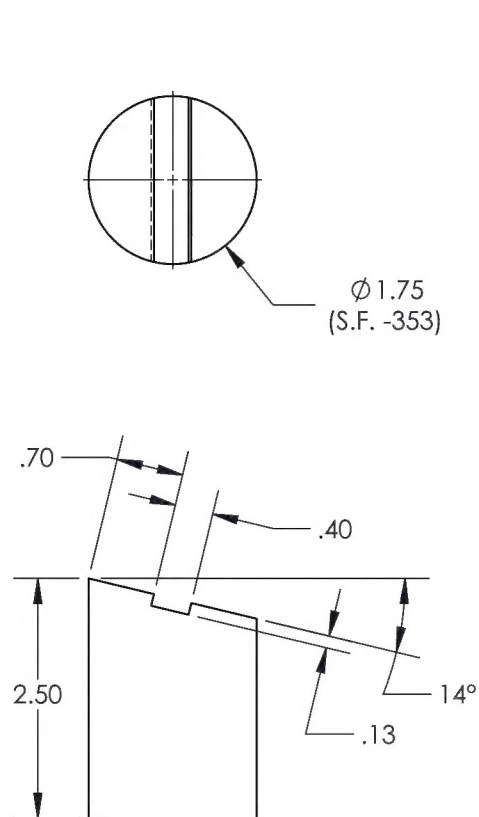
-319

TOW BAR HITCH

<b>DART</b> AEROSPACE	
TITLE <b>SUPPORT DOLLY, TAILBOOM</b>	
DWG NO. <b>RB T102012-319</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -19 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:4	DATE 3/13/2014
	SHEET 6 OF 7

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(-321)

TOW BAR END PLUG

<b>DART AEROSPACE</b>	
TITLE <b>SUPPORT DOLLY, TAILBOOM</b>	
DWG NO. <b>RB T102012-321</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -19 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	BELL 212, 214B, 214ST, 412
SCALE 1:2	DATE 3/13/2014
	SHEET 7 OF 7